Page 3:

After line 33, insert

--OBJECTS AND SUMMARY OF THE INVENTION--;

Line 35, after "in a" insert --confined--;

Same line, change "such" to --even though--;

Line 36, cancel "that".

Page 4:

Cancel lines 2-37 and, in place thereof, insert

--According to one aspect of the invention there is disclosed a transmitter for operation in a confined multipath transmission environment, said transmitter comprising antenna means coupled to transmission signal processing means in turn coupled to an input data channel, said transmitter being operable to transmit data at radio frequencies in excess of 10 GHz, and said transmission signal processing means comprising modulation means for modulating input data of said input data channel into a plurality of sub-channels comprised of a sequence of data symbols such that the period of a sub-channel symbol is longer than a predetermined period representative of the time delay of significant ones of non-direct transmission paths.

According to another aspect, there is disclosed a transmitter for operation in a confined multipath transmission environment, said transmitter comprising antenna means coupled to transmission signal processing means in turn coupled to an input data channel, said transmitter being operable to transmit data at

radio frequencies, said transmission signal processing means comprising modulation means for modulating input data of said input data channel into a plurality of sub-channels comprised of a sequence of data symbols such that the period of a sub-channel symbol is longer than a predetermined period representative of the time delay of significant ones of non-direct transmission paths, means to apply data reliability enhancement to said data passed to said modulation means and means, interposed between said data reliability enhancement means and said modulation means, for interleaving blocks of said data.

A transmitter can further be incorporated into a transceiver for operation in a confined multipath transmission environment. The transceiver also comprises reception signal processing means coupled to the antenna means and an output data channel to receive data at radio frequencies. A transceiver can be incorporated in a peer-to-peer wireless LAN, in that a plurality of mobile such transceivers for data transceiving operation by radio transmissions between ones thereof in a confined multipath environment. Furthermore, transceivers can be included in a wireless LAN, in that a plurality of such mobile transceivers have data transceiving operation by radio transmissions to one of a plurality of hub transceivers, the hub transceivers being coupled together to constitute a plurality of data sources and destinations.

According to another aspect, the invention discloses a method for transmitting data in a confined multipath transmission environment at radio frequencies in excess of 10 GHz, said data being provided by an input data channel coupled to transmission signal processing means in turn coupled to antenna means, said method comprising the steps of:

modulating said data, by modulation means of said transmission signal processing means, into a plurality of sub-channels comprised of a sequence of data symbols such that the period of a sub-channel symbol is longer than a predetermined period representative of the time delay of significant one of non-direct transmission paths; and

transmitting, by said antenna means, said sub-channel symbols at said radio frequencies in excess of 10 GHz.

According to a yet further aspect of the invention, there is disclosed a method for transmitting data in a confined multipath transmission environment of radio frequencies, said data being provided by an input data channel coupled to transmission signal processing means in turn coupled to antenna means, said method comprising the steps of:

applying data reliability enhancement to said data;

interleaving blocks of said enhanced data;

modulating said data, by modulation means of said transmission signal processing means, into a plurality of sub-channels comprised of a sequence of data symbols such that the

period of a sub-channel symbol is longer than a predetermined period representative of significant ones of non-direct transmission paths; and

transmitting, by said antenna means, said sub-channel symbols.--

Page 5:

Cancel line 1.

Cancel lines 20 and 21 and, in place thereof, insert --BRIEF DESCRIPTION OF THE DRAWINGS--.

Page 6:

After line 8, insert

--DESCRIPTION OF THE PREFERRED EMBODIMENTS

Embodiments of the present invention will now be described with reference to the drawings.--.

Page 8:

Line 36, change "PL9739" to --66100/94--;

Line 37, cancel "(Attorney Reference 239045)".

Page 9:

Line 27, change "17" to --47--.

Page 10:

Line 18, change "Australian" to --International--;

Line 19, change "PM 2445" to --PCT/AU94/00704--.

Page 14:

Line 1, after "four" insert --phase--.